

# Notice of Allowability

Application No.

09/934,477

Examiner

Andrew L. Nalven

Applicant(s)

PARK, SUNG-KYUN

Art Unit

2134

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment submitted 11/21/2006.
2. ☒ The allowed claim(s) is/are 1,3-20,22 and 23.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
    1. ☒ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
KAMBIZ ZAND  
PRIMARY EXAMINER

### **DETAILED ACTION**

1. Claims 1, 3-20 and 22-23 are pending.

#### ***Allowable Subject Matter***

2. Claims 1, 3-20 and 22-23 are allowed.
3. The following is a statement of reasons for the indication of allowable subject matter:
  4. With regards to claims 1-8 and 18, the cited claims provide limitations requiring generating a final access request message where the final access request message is generated by using the access-request message and replacing the value of the authenticator field by the message digest. The cited prior art fails to specifically teach or suggest the steps generating a final access request message where the final access request message is generated by using the access-request message and replacing the value of the authenticator field by the message digest as defined in the cited claim. Thus the cited prior art fails to anticipate or render obvious the above-cited claims.
5. With regards to claims 9-19, the cited claims provide limitations requiring "writing an authenticator value for authenticating an access-request message in an authenticator field of an access-request message and transmitting an access-request message, processing the access-request message if the access-request message is successfully verified, and performing user authentication by decrypting an encrypted

Art Unit: 2134

user password of the processed access-request message using a temporary authenticator value of the processed access-request message" (see Applicant's remarks dated 11/21/2006, pages 15-16). The cited prior art fails to specifically teach or suggest the steps of writing an authenticator value for authenticating an access-request message in an authenticator field of an access-request message and transmitting an access-request message, processing the access-request message if the access-request message is successfully verified, and performing user authentication by decrypting an encrypted user password of the processed access-request message using a temporary authenticator value of the processed access-request message as defined in the cited claim. Thus the cited prior art fails to anticipate or render obvious the above-cited claims.

6. With regards to claims 10, 19-20, and 23, the cited claims provide limitations requiring "temporarily storing the contents of the authenticator field of the access-request message; filling the authenticator field with the prescribed value; performing an encrypting algorithm to obtain a message digest; and verifying the access-request message by comparing the temporarily stored authenticator value to the message digest." The cited prior art fails to specifically teach or suggest the steps of temporarily storing the contents of the authenticator field, re-filling the authenticator field with the prescribed value, and obtaining a message digest as defined in the cited claim. Thus the cited prior art fails to anticipate or render obvious the above-cited claims.

7. With regards to claims 12-15, the cited claims provide limitations requiring "creating the authenticator value for authentication of the access-request message

Art Unit: 2134

using the temporary authenticator value and a prescribed value previously defined between the message transmitter and the message receiver; and writing the authenticator value in the authenticator field and generating the access-request message." The cited prior art fails to specifically teach or suggest the steps of creating the authenticator value for authentication of the access-request message using the temporary authenticator value and a prescribed value previously defined between the message transmitter and the message receiver; and writing the authenticator value in the authenticator field and generating the access-request message as defined in the cited claim. Thus the cited prior art fails to anticipate or render obvious the above-cited claims.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew L. Nalven whose telephone number is 571 272

Art Unit: 2134

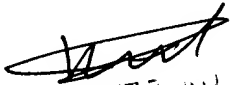
3839. The examiner can normally be reached on Monday - Thursday 8-6, Alternate Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kambiz Zand can be reached on 571 272 3811. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Andrew Nalven

AN

  
KAMBIZ ZAND  
PRIMARY EXAMINER